

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method for testing a fuel metering system of an engine, comprising:
 - checking injector contacts by a single, integrated control unit during an initialization phase prior to starting up the fuel metering system, wherein the integrated control unit is formed as a single, discrete structural unit separate from the engine;
 - driving injectors by the single, integrated control unit for testing;
 - evaluating by the single, integrated control unit at least one of (a) current values and (b) voltage values to detect errors; and
 - controlling a fuel metering by the single, integrated control unit during operation, wherein only the single, integrated control unit performs the checking, driving, evaluating, and controlling steps, wherein no other control unit performs the steps of checking, driving, evaluating, and controlling.
2. (Previously Presented) The method according to claim 1, further comprising carrying out a test once prior to a first startup.
3. (Original) The method according to claim 1, further comprising carrying out a test when a speed variable is less than a threshold value.
4. (Original) The method according to claim 1, further comprising carrying out a test when a rail pressure variable is less than a threshold value.
5. (Original) The method according to claim 1, further comprising carrying out a test when a voltage variable is greater than a threshold value.
6. (Original) The method according to claim 1, wherein the detecting of errors includes a check for at least one of a short-circuit, an interruption and a polarity reversal of lines.

7. (Original) The method according to claim 1, further comprising, during a test, connecting the control unit to a diagnostic tester via which at least one of (a) the test is started and (b) results of the test are at least one of read-out and displayed.

8. (Currently Amended) A device for testing a fuel metering system consisting of:
a single, integrated control unit for testing injector contacts during an initialization phase prior to starting up the fuel metering system, for controlling injectors for a test, for evaluating at least one of (a) current values and (b) voltage values for error detection purposes, and for controlling a fuel metering during operation, wherein the integrated control unit is formed as a single, discrete structural unit separate from the engine.